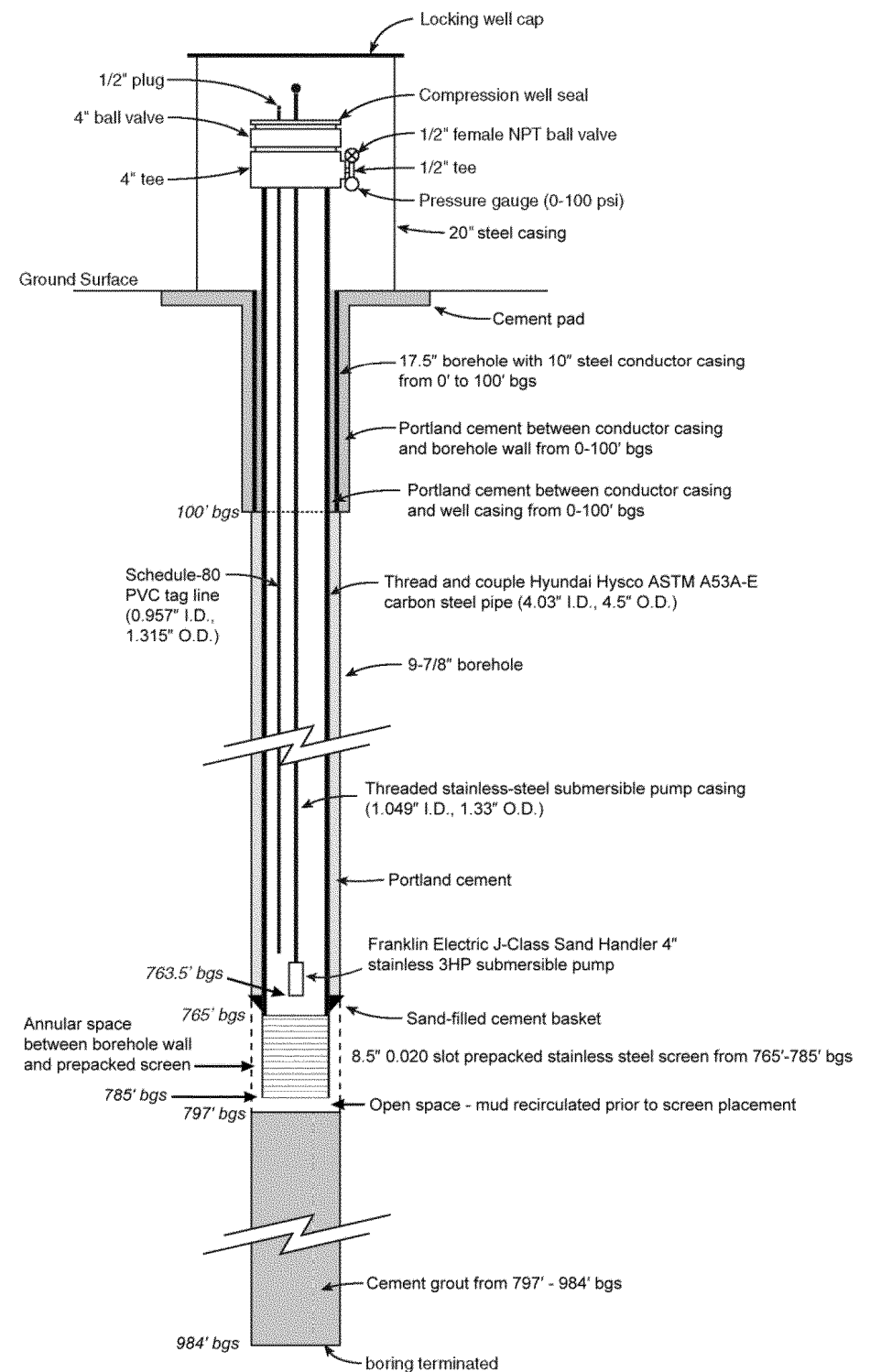


MW01 Well Completion

Field log entries for MW01 on 8/5/10 for Boart-Longyear and Shaw. No fill or cuttings were placed in the borehole prior to, during, or after setting of the screened interval.

08:00 Continue to trip in hole with drill rods and locate cement @ 797 bgs.
 09:05 Tagged top of cement at 797 ft. Conditioning mud for setting casing.
 09:30 Mud is very thick from cement so woody pump can barely pump to mud system. **Pumped out thick mud into another filter box.**
 10:00 **Make new batch of mud and get in hole to surface.**
 10:10 **Added water to mud system and lowered viscosity from >100 to 31 and recirculating mud.**
 11:15 Tripping out of hole with drill rods.
 13:45 Lower screen in hole.
 13:50 Lowered in the 20ft 8 1/2" OD x 4" ID stainless steel creen.
 14:06 Fill screen up with sand and weld cap on. Put first piece of 4" on screen and weld grout basket to top of screen. Fill with sand.
 15:15 Trip in 4" well to 785' bgs.
 15:30 Lowering down the **casing (4" blk steel T+C)** in 21 ft segments. Filling pipe with water as lowering to displace mud from the screen to help with development.
 18:10 Screening at 765 ft - 785 ft. Lowering down the BQ rods (tremie pipe) to just above the screen.
 18:30 Trip in tremie pipe to 761' bgs.
 20:00 Mix and pump one drum of cement and pull 120' of tremie.
 20:05 Tremie pipe set at 761 ft circulating mud up to set cement plug.
 20:25 Pumping 55 gallons of drilling mud through lines to lubricate for cement application.
 20:30 Mixing 5 bags of Portland cement with calcium chloride and pumping down to top of sand grout basket for cement plug to approximately 750 ft.
 20:50 Pulled up 120 ft of tremie pipe to 630 ft and circulating mud.



MW02 Well Completion

Field log entries for MW02 on 6/27/10 for Boart-Longyear and Shaw. No fill or cuttings were placed in the borehole prior to, during, or after setting of screened interval.

08:00	Continue to condition hole from 795'.
09:00	Down to 916 ft-bgs with a clean hole from 795-916 ft. Added 6 lbs of EZ Mud - vis 68, wt 10.6, 1.75% sand, pH 8.
10:30	Hit tight spot at 980'. Recondition to 997'.
10:45	Down to 980 ft-bgs where cuttings filled the hole on bottom at 997 ft-bgs. Circulating up and cleaning hole out before tripping back out.
12:15	Tripping back out of the hole from 997 ft-bgs.
13:00	Water truck filled and returns to site. Deconing tremie pipe.
14:30	Out of the hole with drill pipe.
15:30	Attaching grout basket to 20 foot pre-packed screen which is 8.5" in diameter and 20 ft 9 inches long. Grout basket is 1 ft 10 inches.
16:30	Going down with 4" TNC pipe. 20 foot long joints with threaded couplers. Get 8" prepacked screen in hole.
17:00	Run in 960' 4" T&C w/screen to 980'.

